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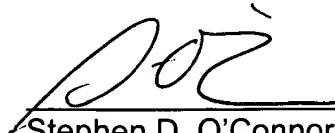
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recorded by the USPTO at Reel 012097 and Frame 0601. True and correct copies of the assignment of U.S. application serial number 09/864,610 and related USPTO recordation documents are attached hereto as Exhibit A.

4. In the case of a previous application, U.S. serial number 09/689,568 entitled "Fluidic Couplers And Modular Microfluidic Systems," an assignment to Nanostream, Inc. was executed by all four co-inventors, including myself, on November 15, 2000. I understand that this assignment was subsequently recorded by the USPTO at Reel 011451 and Frame 0511. I also understand that this application serial number 09/689,568 matured into U.S. Patent No. 6,536,477 on March 25, 2003. True and correct copies of the assignment of U.S. application serial number 09/689,568 and related USPTO recordation documents are attached hereto as Exhibit B.

5. I declare under penalty of perjury that the facts set forth in this declaration are true and correct, that all statements made of my own knowledge are true, and that all statements made on information and belief are believed to be true. I have been hereby warned that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false statements may jeopardize the validity of the application or any resulting registration.

Executed at Pasadena, California, this 18 day of May, 2004.



Stephen D. O'Connor
President and CEO
Nanostream, Inc.



2661094
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

OCTOBER 26, 2001

PTAS

LYON & LYON LLP
MICHAEL J. WISE
633 WEST FIFTH STREET, SUITE 4700
LOS ANGELES, CA 90071-2066



101875316A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/17/2001

REEL/FRAME: 012097/0601

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KARP, CHRISTOPH D.

DOC DATE: 08/01/2001

ASSIGNOR:

O'CONNOR, STEPHEN D.

DOC DATE: 07/19/2001

ASSIGNOR:

GUSTAFSON, VINCENT K.

DOC DATE: 07/19/2001

ASSIGNEE:

NANOSTREAM, INC.
2275 EAST FOOTHILL BOULEVARD
PASADENA, CALIFORNIA 91107

SERIAL NUMBER: 09864610

FILING DATE: 05/23/2001

PATENT NUMBER:

ISSUE DATE:

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U.S. PROSECUTION

PAULA MCCRAY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

10-24-2001

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Doclet No. 266/094

To the Honorable Commissioner of Patent



101875316

original documents or copy thereof.

1. Name of conveying party(ies):
Christoph D. Karp, Stephen J. Connor, Vincent K. Gustafson

Additional name(s) of conveying party(ies) attached?
☐ Yes ☒ No

3. Nature of conveyance:
☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: 8/1/01; 7/19/01

2. Name and address of receiving party:

Name: Nanostream, Inc.

Internal Address:

City: State: Zip:

Street Address: 2275 East Foothill Boulevard

City: Pasadena State: CA Zip: 91107

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No(s): 09/864,610

B. Patent No(s): _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Michael J. Wise

Internal Address: LYON & LYON LLP
633 West Fifth Street, Suite 4700
Los Angeles, CA 90071-2066

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

☒ Enclosed

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8. Deposit Account Number: 12-2475

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9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Yasser M. El-Gamal, Reg No. 45,339

Date: August 14, 2001

Total number of pages including cover sheet: 3

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, inventors:

Christoph D. Karp, 335 South Grand Oaks Avenue, Pasadena, CA 91107

Stephen D. O'Connor, 1892 Galbreth Road, Pasadena, CA 91104

Vincent K. Gustafson, 4200 Via Arbolada #308, Los Angeles, CA 90042

who have created a certain invention for which an application for United States Letters Patent entitled **NON-PLANAR MICROFLUIDIC DEVICES AND METHODS FOR THEIR MANUFACTURE** has been executed and

☐ is filed herewith;

☒ was filed in the U.S. Patent and Trademark Office on **May 23, 2001** and assigned Serial Number **09/864,610**;

Do hereby sell, assign and transfer to Nanostream, Inc., a corporation, having a place of business at 2275 East Foothill Boulevard, Pasadena, California 91107, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possession and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties; and

Agree that Nanostream, Inc., hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, successors, assigns, or legal representatives;

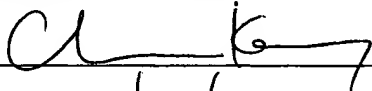
The terms "Application" and "Application for Letters Patent" as used herein include both provisional and non-provisional applications;

Inventor(s) hereby authorizes the above-mentioned Assignee or its legal representative to insert in this instrument the filing date and serial number of said Application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document; and

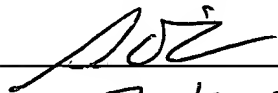
Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same has herein expressed is possessed by the undersigned.

IN THE TESTIMONY WHEREOF I have hereunto set my signature on the date indicated below.


CHRISTOPH D. KARP


Date: 8/1/01

STEPHEN D. O'CONNOR


Date: 7-19-01

VINCENT K. GUSTAFSON


Date: 7/19/01



REC-723

APR - 9 2001

MDB&E



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

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OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APRIL 04, 2001

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MCCUTCHEN, DOYLE, BROWN & ENERSEN
RAJIV YADAV
THREE EMBARCADERO CENTER
SAN FRANCISCO, CALIFORNIA 94111



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RECORDATION DATE: 01/02/2001

REEL/FRAME: 011451/0511
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
O'CONNOR, STEPHEN D.

DOC DATE: 11/15/2000

ASSIGNOR:
PEZZUTO, MARCI

DOC DATE: 11/15/2000

ASSIGNOR:
KARP, CHRISTOPH

DOC DATE: 11/15/2000

ASSIGNOR:
DANTSKER, EUGENE

DOC DATE: 11/15/2000

ASSIGNEE:
NANOSTREAM, INC.
2275 EAST FOOTHILL BOULEVARD
PASADENA, CALIFORNIA 91107

SERIAL NUMBER: 09689568
PATENT NUMBER:

FILING DATE: 10/12/2000
ISSUE DATE: 2246070200 US
Assign. Recorded

JS
RY/WST
MCCUTCHEN, DOYLE, BROWN & ENERSEN, LLP

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
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01-26-2001



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RECORDATION FORM COVER SHEET
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Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof:

1. Name and address of conveying party(ies):

Name: Stephen D. O'Connor
Address: 1892 Galbreth Road
Pasadena, CA 91104

- ☒ Individual ☐ Association
☐ General Partnership ☐ Limited Partnership
☐ Corporation ☐ Other:

Additional name(s) of conveying party(ies) attached?

☒ Yes ☐ No

2. Name and address of receiving party(ies):

Name: Nanostream, Inc.
Address: 2275 East Foothill Boulevard
Pasadena, CA 91107

Additional name(s) of receiving party(ies) attached?

☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name ☐ Other:

Execution Date: November 15, 2000

4. Application Number(s) or Patent Number(s)

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application Number(s). 09/689,568

Additional numbers attached? ☐ Yes ☒ No

B. Patent Number(s): _____

Additional numbers attached? ☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Rajiv Yadav

Address: McCutchen, Doyle, Brown & Enersen
Three Embarcadero Center
San Francisco, California 94111

6. Total number of applications and patents involved: ____

7. Total fee (37 C.F.R. § 3.41)(\$40.00 per assignment): \$40.00

☐ Enclosed☒ Authorized to be charged to Deposit Account No. 50-1192.☒ The Commissioner is authorized to charge underpayment of any fees or credit any overpayment to Deposit Account No. 50-1192.

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Rayiv Yadav, Registration No. 43,999

Name

Registration Number

Signature

December 26, 2000

Date

Total number of pages including cover sheet, attachments and document: _____

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01 FC:581 40.00 CH

Box 1 Additional Name(s) and addresses from conveying parties:

Name: Marci Pezzuto
Address: 491 Athens Street
Altadena, CA 91001

☒ Individual ☐ Association
☐ General Partnership ☐ Limited Partnership
☐ Corporation ☐ Other:

Name: Christoph Karp
Address: 335 South Grand Oaks Avenue
Pasadena, CA 91107

☒ Individual ☐ Association
☐ General Partnership ☐ Limited Partnership
☐ Corporation ☐ Other:

Name: Eugene Dantsker
Address: 3710 Garnet Street, Apt 103
Torrance, CA 90503

☒ Individual ☐ Association
☐ General Partnership ☐ Limited Partnership
☐ Corporation ☐ Other:

PATENT APPLICATION
Assignment

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, inventors:

Stephan D. O'Connor

Eugene Dantsker

Chris Karp

Marci Pezzuto

Who have created a certain invention for which an application for United States Letters Patent entitled FLUIDIC COUPLERS AND MICROFLUIDIC SYSTEMS was filed on October 12, 2000 and assigned the Application Number 09/689,568.

Do hereby sell, assign and transfer to Nanostream, Inc., a small business concern, having a place of business at 2275 East Foothill Boulevard, Pasadena, CA 91107, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possession and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, act, and treaties, including all future conventions, unions, agreements, acts, and treaties;

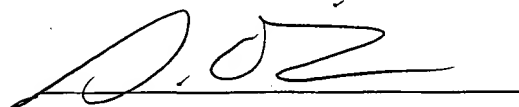
Agree that Nanostream, Inc., hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has

been made to others by the undersigned, and that full right to convey the same has herein expressed is possessed by the undersigned.

IN THE TESTIMONY WHEREOF we have hereunto set our signature on the date indicated below.

e s.o
Stephen D. O'Connor



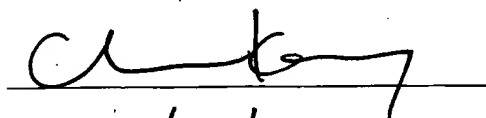
Date: *Nov 15, 2000*

Eugene Dantsker



Date: *Nov. 15, 2000*

Chris Karp



Date: *11/15/2000*

Marci Pezutto



Date: *11/15/2000*